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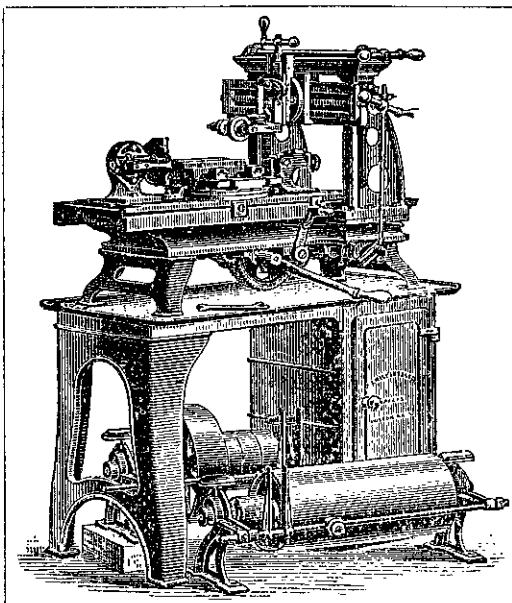
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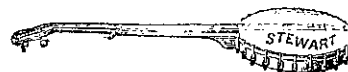
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The Tech.

VOL. XIII.

BOSTON, NOVEMBER 30, 1893.

NO. 9.

THE TECH.

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

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Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

FRANK WOOD, PRINTER, 352 WASHINGTON STREET, BOSTON.



THANKSGIVING is indeed "a consummation devoutly to be wished" for; and it brings to us merry thoughts of freedom from the dull rule of exacting professors, from crowded tabular views and similar bores, to say nothing of anticipatory sugar plums of a different

variety. THE TECH welcomes this yearly outing,—and inning,—and gladly leaves the dusty office for the pleasures to be. Scott has said that the pleasure of serving one's country is rendered more acceptable when combined with other important gratifications; and so it is with the round of busy work at Technology,—it is best enjoyed when forgotten. For four days we are free to serve ourselves to more savory dishes, and a realization of the limited time at our disposal will afford a keener relish for the most varied of Thanksgiving refreshments.

With one accord we leave the dim corridors and the steep stairways, the darkened lecture halls and the bare recitation rooms, to seek in lighter vein the scenes and things that go to brighten the cares of toil and to whet our other appetites. And why should we not be joyous? Two months of work are behind us, the first milestone of the college year is reached, and now surely we may steal a little frolic ere the coming gloom of grinding settles down upon us. Away then with books, and drawing boards, and chemical apparatus! To the winds with geological specimens and mechanical formulæ! Ever-haunting prof., we will have no more of you for four days, but will gladly forget your smiling face in the joys that are all our own. Adieu, ye massive piles of accumulated lore and dread architecture, and would that the sight of your ponderous front athwart our way might be longer postponed!

Sing ho, for Thanksgiving Day!

THIS Thanksgiving period of rest and recuperation furnishes a desirable opportunity for pausing, ere increasing work is upon us, to consider the present surrounding conditions. There are many things for which to be thankful, although much is yet to be desired. A prosperous year for the Institute is well begun, and the men of every course are in the midst of hard work, which will bring its proper reward. The few changes of the past year are noteworthy. The Faculty, the corps of instructors, the methods and apparatus of instruction, have been increased. In the courses, the most notable changes are seen in Course IX., in Course IV., and in the creation of Course XIII. The Course IX. library has been increased, and the classes in

history, literature, economics, and language are larger than ever before. THE TECH welcomes these gains, for they indicate a broadening of the Institute in a most desirable direction. With the addition of M. Despradelle, the working capacity of Course IV. has also been greatly increased, and the interest and the work of its classes is of the highest order. THE TECH might stop to speak of important changes in other courses, but in hastening on it can only welcome the new course of naval architecture to its proper place among the courses. All along the line of the Institute courses the capability and means of turning out good work are in a most flourishing condition.

THE TECH also finds cause for gratification outside the regular curriculum of studies. The interest of the classes in social events, in athletics, in our alumni, and, we may say, in THE TECH itself, although not yet what it should be, still shows a marked gain over the years that are passed. In supporting the efforts of the Institute Committee by honest work and commendation, in the increasing use of the gymnasium, and in participation in class and course athletic contests, in sending to our alumni appreciation of their interest in the welfare of the Institute, and, lastly, in the increasing contributions to THE TECH, the classes have shown that that spirit so often cited for its absence among us is by no means dead.

Of all these things we take pleasure in speaking, not by way of self-congratulation, but in order to point out the ways in which increased interest in Technology has been, and may yet be, developed. If our students would but realize that the agencies at hand for fostering Institute feeling, and for individual benefit as well, are not shadowy somethings, but present realities and opportunities for all, there would be no more complaint of lack of interest. The Institute Committee, the Athletic Club, the "Technique," and THE TECH are such agencies, in which all may show an interest and use for their intended purposes.

The three days now at our disposal are not intended for outside work. The principle of daily exercise and recreation applies as well to a college year. We shall not all be fortunate enough to return to our homes and obtain in a change of scene the true benefit of this breathing spell, but there is no reason why we may not take our minds from the daily work about us in long tramps through the suburbs, or possibly in well-chosen reading. THE TECH advises no one to study in vacation days, for it believes that better work will be accomplished in the end if the mind and body enjoy a change and a rest from all exacting work. If these results alone follow the present vacation, we shall, indeed, have cause for being thankful.

WHILE the great football contests are claiming the attention of the community at large, we cannot refrain from a consideration of athletics at Technology and suggestions for their improvement. At nearly all American colleges and universities to-day, athletics are recognized by faculties as a necessary part of the curriculum, or at least as an important means of providing for the health and recreation of the students.

Until the past year or two, when our gymnasium, originally equipped by the students themselves, received some improvements from Institute funds, our Faculty has scarcely recognized the existence of our athletic organizations. Even now many of our professors discourage exercise, save of the most moderate kind. Despite these discouragements the Tech records in track, team, and field events compare favorably with the best, and these conditions have been brought about by the few men among us who believe in combining hard work with vigorous exercise. In spite of Technology's reputation for good work, we believe that our Faculty made a great mistake in neglecting from the first to make more allowance for the recreation and health of the student body.

It is true that of late several additions have been made to our gymnasium and there seems to be an increased interest in Technology athletics, but there is room for many improvements. Among those which have been suggested has been that of using the land back of the Architectural building for athletic purposes. A better place could not be selected for tennis courts, and it is probable that other features for all round outdoor exercise might be added. At present a signboard on the land in question tells us that it may be leased from the Institute for a term of years. It seems to THE TECH that the ultimate growth and improvement of Technology could not be more effectually attained than by paying attention to present necessities unprovided for, rather than by obtaining a present rental from the land. Possibly, if the Faculty will not assist us, our alumni might come to our assistance financially, if a movement were once started by the students themselves to make use of this recently acquired property for athletic purposes.

IMAGINATION often causes strange misconceptions. Years ago somebody took it into his head that Harvard men as a body considered themselves infinitely superior to Tech students. The idea spread, and, as a result, Harvard and Technology appear to the outside world at swords' points. If one will reflect a moment, nearly all ground for this feeling vanishes.

That many Harvard men are snobbish is undeniable, but other colleges suffer similarly. The general "tone" of all colleges varies only within narrow limits. That the methods and, to a certain extent, the aims of Harvard and Technology differ, is no cause for warfare. Except in torchlight parades and election crowds we have failed to find among Harvard students any general feeling prejudicial to Technology. In fact our neighbors have frequently proved their good will, as, for

instance, in allowing the M. I. T. A. C. to use Holmes' Field last spring, and in sending various invitations to participate in athletic contests. But we, on the other hand, have as often shown our antipathy. At the Harvard-Yale football games Tech has always cheered for Yale, as in fact nearly all the New England colleges have done. Still it does seem wrong that, as such near neighbors, we should not have more in common, for undoubtedly friendly union and friendly rivalry would prove of reciprocal benefit.

Harvard, as perhaps the first and representative American university, will always command a certain admiration and respect that no other, for years to come, at least, can hope to obtain. It is, undoubtedly, the pride of Boston, and in some ways overshadows Technology. Considering this, it would be policy for us to seek alliance with the crimson adherents rather than to provoke their antagonism. The Tech advises each man to judge from his own experience whether or not he has cause to dislike Harvard. Then, other things being equal, let the individual remember that more friendly feelings toward our great neighbor are desirable, and that he may aid in producing them.

The Proposed Tour of the Glee and Banjo Club.

LAST summer one of our devoted alumni in Chicago half laughingly asked why our musical organizations did not make a Western tour. The suggestion, casually let fall, took root and grew. All sides of the question were discussed, until the suggestion became a possibility. The Glee and Banjo Club has since taken up the matter, and now possibility has blossomed into probability. The advantages of such a trip to Technology and to the Club are undoubted; but it must be made a success financially,—a result to be obtained only through the co-operation of undergraduates, instructors, and alumni alike.

The whole semiannual vacation would be devoted to the trip, as many concerts as possible being given in that time. The most promising stopping places, as manifested later by alumni interest or other considerations, would be chosen from among the following list of cities: Rochester, Buffalo, Cleveland, Cincinnati, Indianapolis, Chicago, Washington, Baltimore, Philadelphia, and New York. The Club hopes to be able to get some energetic alumnus in each city to take charge of all the business arrangements for the concert in that city. This would include hiring a hall, advertising in the papers, having bills posted, and issuing tickets. Of course a large commission would be paid for his trouble and time. Any alumnus who may see this article, or any student who may know alumni qualified to take such agency in the cities mentioned, is earnestly requested to communicate with Mr. H. E. Hewitt, care of Technology. Suggestions from all sources will be gladly received by Mr. Hewitt. When the concert cities are finally chosen, students can help infinitely by informing all their friends in those places of the concerts.

This first tour is, of course, an experiment financially, but with our numerous alumni in the West it surely ought to be a success. In order to provide for emergencies, a home concert will be given in December, a second one to come in the spring. At both all efforts will be made to render them pleasant, social affairs. A whole floor of Rogers Building will probably be obtained, thus permitting receptions to be held after the concerts. These can and should be supported by every student, for all will get their full money's worth. As a further means of filling the treasury, the Glee and Banjo Club has voted to establish Associate Memberships. The reciprocal advantages of such must be apparent to each one of us upon slight reflection.

Look out for the Christmas TECH.

Senior Class Meeting.

A WELL-ATTENDED meeting of the Senior Class was held on Wednesday, November 22d. The first business was the election of a Photograph Committee, who are to obtain bids from the various photographers competing for the class work, and investigate the relative merits of their work. The members of the Committee are: C. A. MacClure, C. A. Meade, S. H. Blake, A. A. Clement, T. Varney, and R. W. Gilkey. The question as to when the class dinner should be held was discussed, and it was finally decided that it should take place at the beginning of next term. The committee elected to make all arrangements for the affair are: E. D. Clarke, C. R. Knapp, and R. B. Price.

The following expressions of appreciation were presented by Mr. Price, and the class unanimously voted to forward them to the Northwestern Alumni Association, to publish them in THE TECH, and to enter them in the minutes:—

In view of the courtesy and hospitality of the Northwestern Alumni Association of the M. I. T., whose plans for the reception, benefit, and entertainment of all Tech men during the past summer were inspired by most generous and loyal feelings, and executed with an expenditure of much time, trouble, and money, we, the present Senior class of the Massachusetts Institute of Technology, with full appreciation of these advances by our alumni, do hereby extend, for ourselves and for Technology, a sincere vote of gratitude and appreciation to the Northwestern Alumni Association, and do furthermore express our regret that, owing to circumstances, their many courtesies could not be more generally acknowledged during the summer.

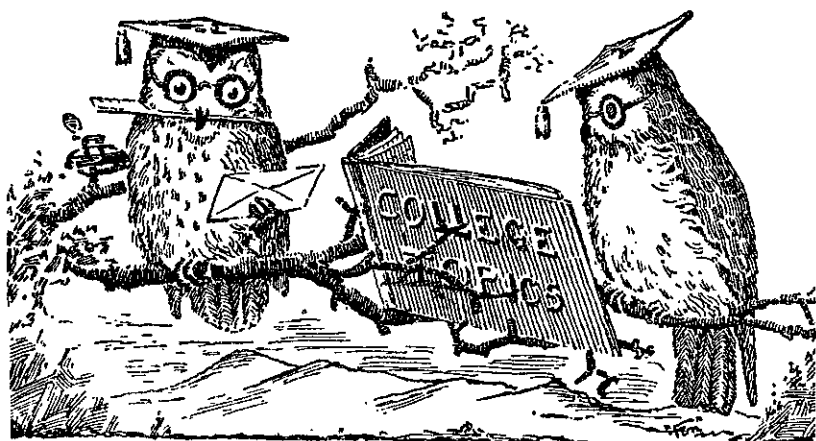
Moreover, realizing the opportunity afforded for strengthening the bonds between our Alumni and undergraduates, do we urge upon every Tech man to use his influence to broaden this opening, that the result may be reciprocally beneficial.

Furthermore, do we desire that this expression of our appreciation be forwarded to the Northwestern Alumni Association, and also be published in THE TECH.

Signed for the class by the President and Secretary.

Mr. C. A. Meade spoke of the probability of obtaining a Trophy Room to contain all photographs, publications, trophies, etc., of general interest to the Institute. A motion was carried that the class be assessed a suffi-

cient amount to have its photograph framed, to be placed in the future Trophy Room. The matter of an Institute dinner given by all the undergraduates was brought up, but owing to lack of time it was laid on the table. Business concerning the Technology Assembly was also laid on the table. The following committee of three was appointed to look up the best method to be adopted for the class day elections: Rigby Wason, C. A. MacClure, C. A. Meade. In behalf of the "Technique" Board, Mr. MacClure stated that the '95 editors wished to make that annual distinctively an Institute organ, and not a mere class publication. For this reason they requested that the Senior, Sophomore, and Freshman classes each elect a committee to co-operate with the Board of Editors, and thus insure the thorough representation of each class in "Technique." By motion the president appointed the following committee to further the interests of the Class of '94 in the next "Technique": R. K. Sheppard, A. L. Tenney, and S. H. Blake. Mr. Russel Sturgis was elected captain of the class athletic team.



It is not likely that any more hazing outrages will be perpetrated by the students of Princeton College. All cases of the kind are hereafter to be brought before the criminal courts of New Jersey. This action has become necessary, inasmuch as the college authorities have striven without success to put a stop to that outrageous kind of hazing which has prevailed within recent years there.

A School of Journalism has been established in the University of Pennsylvania, which bids fair to become at once most successful in its training. An experienced newspaper man, Mr. J. F. Johnson, has been chosen to take charge of the school, which will form a branch of the Wharton School of Finance and Economy. An effort will be made to obtain temporary positions for the men taking the course on the staffs of the leading Philadelphia papers. Moreover, every detail of the running of a large newspaper will be taught in various ways, one of them by assigning each man some position on an imaginary daily, and allowing him to draw up each day a scheme of his work. The latest methods of increasing circulation and of securing advertisements will also be thoroughly investigated.

Yale, Harvard, Columbia, and Princeton chess players are to meet in the second inter-collegiate chess tournament during the Christmas holidays, in New York. Each college will enter a team of two men, each playing six games. The winning team will hold the silver Graduate Chess Cup next year.

Recent football scores are as follows:—

- November 7th.—Yale, 42; New York A. C., 0.
Princeton, 8; Orange A. C., 0.
- November 8th.—Lehigh, 22; Lafayette, 6.
Colgate, 10; Union, 6.
Dartmouth, 14; Tufts, 2.
Brown, 36; Tech, 0.
- November 11th.—Lehigh, 14; Cornell, 0.
Williams, 22; Tufts, 4.
Dartmouth, 34; Amherst, 0.
West Point, 18; Trinity, 11.
- November 18th.—Williams, 30; Amherst, 12.
Lehigh, 10; Lafayette, 0.
Univ. of Penn., 50; Cornell, 0.
Princeton, 36; West Point, 4.
Naval Academy, 31; F. and M., 6.
Union, 34; Hamilton, 0.
Brown, 28; M. I. T., 6.

Gen. E. Burd Grubb, ex-minister to Spain, has offered a silver cup, valued at \$1,000, for another contest between the Princeton and University of Pennsylvania football teams.

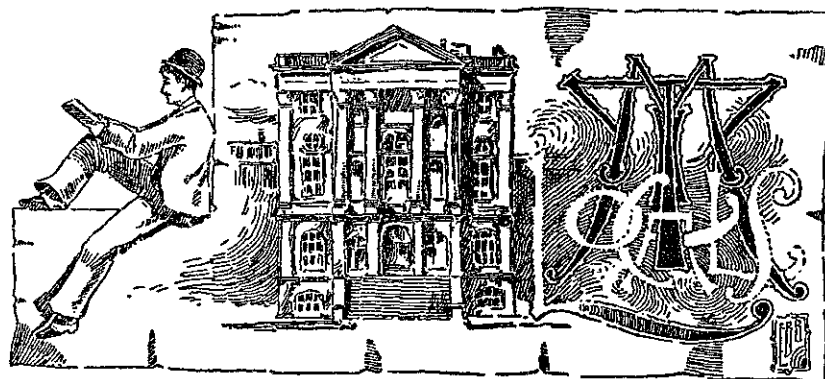
Considerable indignation has been aroused at Ann Arbor over alleged outrages perpetrated by students. The authorities have been recommended to follow the example of Princeton officers and proceed to legal measures.

The University of Chicago has taken advantage of the closing of the Fair to secure many fine exhibits from the mining building for its mineralogical collection. Thirty-three exhibitors there have already offered their exhibits to the University. The exhibit of the Standard Oil Co., valued at \$50,000, has been given them. This, however, may be housed in the proposed Columbian Museum, but the University will exercise certain control over it.

A Latin play is to be given this year at Harvard for the first time in its history. The "Phormio," of Terrence, has been selected, because of its similarity to modern plays, both in plot and development. The music, which has been the chief obstacle in the past, will be confined to wind instruments, three or four of which will be played behind the scenes, with a number of musicians playing dummies before the stage to complete the effect. The libretto will contain both the Latin and English words, together with a new prologue written by Professor Greenough.

A book, entitled "Dartmouth Athletics," is being published by Dartmouth, giving a complete history of every branch of athletics at that energetic college from their very beginning. Boating, tennis, baseball, football, track and field athletics receive attention; in most cases names of winners and famous athletes being mentioned with occasional biographies of the more noted ones. This cannot fail to be of interest to all college men, as may be judged by the numerous colleges now using it as a guide for similar publications.

The collection of mathematical models made by L. Brill, of Darmstadt, forming a noteworthy feature of the German University exhibit at the World's Fair, has been purchased by Wesleyan.



Mr. E. C. Bryant, '93, Course I., is with the Canadian Bridge and Iron Co., Montreal.

Mr. J. A. Curtin, '92, who returned from Germany last spring, is now in the City Engineer's office.

A Freshman tells us on good authority that Professor Pope is an expert in producing rings of smoke.

Mr. Abram Garfield, a son of President Garfield, and a graduate of Williams, is a Sophomore, studying architecture.

The group photographs of '95 will be sold for the low price of one dollar. Every '95 man should have one.

Professor D-ck-ns-n (who hears a coin drop amid scuffling of feet): "I congratulate the gentleman on having a little money left." The same old trick, matching pennies.

The Class of '96 photograph, taken on the Natural History steps, may be obtained for one dollar by sending to Partridge, photographer, Brookline.

Professor in Applied Mechanics: "When the forces are not parallel, what does the formula become?"

Mr. L.: "It becomes useless."

Here is some more Freshman innocence. A young lady of '97 asked a Sophomore friend if in chemical parlance a rubber tube is called an "ignition tube."

The Senior architects have organized a German Society among themselves, which bids fair to make itself well known before the end of the year.

Mr. M. S. Pope, assistant in civil engineering last year, is now engaged in hydraulic

work under Mr. J. R. Freeman, Course I., '76, with the Manufacturers' Mutual Fire Insurance Co.

The Civil Engineering department has purchased three transits and a precise level from Buff and Berger's exhibit at the World's Fair. A techygraphometer has also been recently added to the department.

A set of notes containing references, dates, etc., has just been compiled by Dr. Whitney for the use of the students in Course IX., second year, English History. It saves the students much trouble and inconvenience.

Seventy-four students have been admitted to the Institute this year on certificates from other colleges. Forty-two of this number are graduates, ten of whom come from Harvard. We also have one graduate from Harvard Annex.

The Christmas number of THE TECH promises to be an exceedingly attractive issue. Probably it will contain pictures of the 'varsity Football Team, the Glee Club, and the Banjo Club, besides extra matter of all sorts. Look out for it!

During the past two weeks concentration runs on pyrites from Capleton, Canada, were made in the Mining Laboratory. The jiggs worked well, and the round-table, whose slope had been changed, and surface replaced by one of sheet iron, was very satisfactory.

The *Bulletin* of the New York Mathematical Society for October contains an account, by Professor Tyler, of the Mathematical Congress held in Chicago last August. We take pleasure in announcing that the honor of the secretaryship of this congress fell to Professor Tyler.

The Baker's Dozen held a gay meeting last Thursday. The old officers were politely requested by the Dozen, backed by the Constitution, to abdicate, their places being filled for this term by H. M. Chase as president, A. A. Clement, vice president, and W. D. McJennett, secretary.

Now will many an anticipated flunk be buried 'neath a load of crisp, juicy turkey. "Hang sorrow; bootjacks will kill cats even as rejoicing killeth the turkey; therefore, let us forget and be merry." So saith Willie Shakespeare revised. These sentiments THE TECH heartily seconds.

First year Chemistry examinations are now held in Huntington Hall, similar to those in second year Physics. A new Faculty regulation makes it possible to assign certain hours for the intermediate examinations, and Freshmen no longer find an unexpected array of white papers awaiting them in the laboratory.

It should be remembered by those handing in contributions to THE TECH, that no article can be published of which the writer is unknown to the Editorial Board. Two or three things of some merit have been received lately, but they are of no use because unaccompanied by writers' names. We are awaiting their discovery.

In this wise do our witty occupants of the Engineering Building amuse themselves: "Say, Tom, what is the difference between firewood and our remote ancestors?" Tom: "Spring it; all these tables have made my thoughts about as efficient as that blamed pulsometer downstairs." "Why, we saw the former, but we never saw the latter."

The American Academy of Arts and Sciences held its meeting at Technology on November 8th. The new testing machine in the Engineering Laboratories was interestingly described by Professor Lanza, and formed the principal object of discussion. All the machinery and hydraulic apparatus was put in motion during the evening.

Several Course I. men of '93 were omitted in the last issue as follows: W. F. Swanton, Assistant Engineer on the B. & A. Railroad; F. D. Smith, with the Metropolitan Sewerage Commission; G. L. Walker, with Norcross Brothers, of White Plains, N. Y.; W. H. Norris, in the bridge department of the B. & M. Railroad.

Mr. William H. Lawrence, instructor in architecture, has published a book on shades and shadows. The book is primarily designed to fulfill the needs of the students in the Architectural Department, but it is very probable that it will find a ready sale outside of the Institute, since it contains all that is needed in practice, and is stated in a thorough, concise style.

There is a noticeable increase of late in both attendance and interest in the meetings of the Christian Union. This is doubtless due in large measure to the change in the hour of meeting from Wednesday morning to Tuesday afternoon. The meetings are now held every Tuesday at 1.50 o'clock in Room 27 Rogers, and it is hoped that all students will attend who can possibly do so.

A number of sketches, made during the summer by Course IV. men, have been on exhibition during the past week in the Architectural Building. Many of them were made in connection with the summer school of architecture, which was held at the World's Fair under the direction of Professor Homer. They portray picturesque bits of the buildings and grounds, and as a whole are remarkably clever.

Hon. Frank P. Bennett, of Everett, lectured on "The Endowment Craze," before the Society of Arts last Thursday evening. He rehearsed the growth and the outlawing of the class of "mutual benefit societies" in this State which were founded on a fraudulent basis. Having been the main promoter of the crusade against these orders, Mr. Bennett is thoroughly acquainted with the subject. The lecture was followed by a more lengthy discussion than usual. It is a matter of regret that only fifteen persons appeared at the meeting.

Arrangements are on foot to give a triple glee and banjo club concert with Amherst and Brown, with Technology, in Music Hall about Christmas time. Negotiations have

for some time been pending for a triple concert with Columbia and the University of Pennsylvania, to be given in New York. The date at present seems to be the chief difficulty, but Columbia, it is said, appears willing to make the time to suit our clubs, about the end of the semiannual vacation.

A meeting of Le Cercle Français was held November 22d, at 4.15 P. M., in Room 12, Architectural Building. Owing to a mistake in the announcement of the date the attendance was small, but those who were present succeeded in accomplishing considerable business. A committee of three was elected to superintend the organization and presentation of the two comedies to be given by members of the society during the early part of January. At the completion of the business before the meeting, M. Bernard read a very interesting article on the attitude of Germany towards France. A greater certainty in date and place of meetings would insure increased interest and attendance in the future.

The following is taken from *The Transcript* of November 20th:—

Right here it seems *apropos* to quote a word of praise for one of Boston's scientific institutions which is trying to instruct young men in the ways of the naval architect. Some rather severe criticism has been made recently by the faculty of the Lawrence Scientific School at Harvard on the course in naval architecture as now given at Massachusetts Institute of Technology. In a talk with Mr. Cramp on the run out to the start this morning he spoke of this criticism as being altogether unjust, and eulogized the work done at this school in the most unstinted terms. Mr. Lewis Nixon, U. S. N., resigned, who by the way is the designer of the Columbia, and now in the employ of the Cramps, echoed Mr. Cramp's sentiments, and added that such work merited all the material and moral support which naval architects and the public in general could give it for the good of shipbuilding in the future. Both of these gentlemen, the value of whose

opinion will be readily appreciated, expressed a wish to go on record as testifying most heartily to the efficiency of this school.

The Glee and Banjo Club met last Friday in THE TECH office, and adopted, with a few amendments, a constitution as presented by Mr. Schmitz. This provides for a general business manager who is not a member of either the Glee or Banjo Club. It was voted to give the first home concert on Wednesday evening, December 20th, if that does not conflict with the Lowell lectures delivered in Huntington Hall. The whole second floor of Rogers Building will be obtained for a reception to follow the concert, with the idea of making the occasion a brilliant social affair. Every student is expected to be present.

The largest diamond in the world has lately been found at the Kimberley diamond mines, where Mr. A. M. Robeson, '94, is mechanical engineer and electrician. It is white, but has a spot in the center. Besides the engines Mr. Robeson inspected at Chicago for the De Beers Co., he is now putting in a crushing and concentrating plant for treating one thousand tons of hard "blue" in ten hours. This plant is driven by a 1,000 I. H. P. vertical cross compound engine. The "blue" is pulled from a depth of a thousand feet through two shafts, at the rate of nine or ten thousand tons per twenty-four hours. This is hauled by cable three or four miles to the "flows," where it is watered, rolled, and harrowed with traction engines and endless ropes, then allowed to stand for six or eight months. When crumbled, it is ready for the washing pans. The deposit from the pans is jigged, and the concentrates are then sorted by hand. Mr. Robeson is the gay possessor of a dogcart, two horses, and a driver, all furnished by the company. He retains his old love for Technology; sends a large order to cover subscriptions to THE TECH and '95's "Technique," the balance to go to the football team.



Watch the Athletic Club bulletin in Rogers. Rockwell and Gilman are among the promising candidates for the Track Team.

The University of Pennsylvania plays Harvard, at Cambridge, on Thanksgiving Day.

Mr. J. P. Ilsley has been chosen as the '97 representative on the Athletic Club Executive Committee. Keep up your interest, '97, and place your best men on the track team.

The classwork at the Gym interferes with the desired room for athletics. An application has been made for a proper division of time or space, or both, in the gym, so that both elements may receive proper attention.

Candidates for the Yale crew have begun rowing on the harbor, and will continue work as long as the weather permits. The following men are now rowing: Captain Johnson, S., '94; Rogers, S., '94; Longacre, '95; Goetchius, S., '95; Kinney, '96; Coonly, '96; Beard, '96; Smith, '96; Knapp, '96, and Datre, S., '94.

This year the class championship cup will be closely contested for. Ninety-seven should make a good showing for it, as she has promising material. Ninety-six is strengthened by a few who figured prominently last year in Sophomore athletics; '95 has good performers in Clapp, Claflin, Boeseke, Lawson, Parker, and Tillinghast, and '94 pins her faith on Andrews, Curtis, Lord, and Owen.

The Track Athletic Team met last Wednesday, and elected F. W. Lord as captain. It is in the power of the captain, subject to the approval of an advisory body composed of the four class athletic captains and the secretary

of the M. I. T. A. C., to appoint members of the team. The size of the team will be kept at a minimum, and only able men, worthy of the distinction, will be placed upon it. The present members of the team are: '94, Andrews, Curtis, Lord, Owen; '95, Clapp, Marmon, Parker, Tillinghast; '96, Batchelder, Driscoll, Hurd. It was decided that the 'Varsity T shall be worn by members of the team only, and the "Maltese cross" by the remaining members of the club.

Hurdling should be practiced at the "gym" more than is at present the case. One cannot at the start expect to rival the ease and grace of an experienced hurdler, but a few trials will show that the thing is not so difficult after all. To be a first-class hurdler one should be a good sprinter and a fair broad jumper. The beginner should place a single hurdle 15 yards from the start and practice clearing it. Be sure to bring the forward knee well up and trail the rear leg. When ease and confidence are acquired try two hurdles, the second one ten yards beyond the first. Gradually add hurdles ten yards apart. Should the novice not excel ultimately, he will have had splendid exercise, which can in no way be regretted.

For the benefit of those who may not know about the "General Excellence" cup, we will explain its purpose. The cup was offered by the M. I. T. Athletic Club last week, in order to induce our track and field athletics more generally to enter the class championship games. Last year it was offered to the one who should score the greatest number of points in all authorized meetings; but as the leaders were far ahead of the average competitor, it was decided this year to limit the points to those gained in meetings held by the club only.

Following are the conditions of competition:

1. First, second, and third place in each event will count 5, 3 and 1 respectively.
2. The meeting must be regularly authorized, and open to all students at the Institute.
3. The cup shall be awarded to the one who scores the

greatest number of points during the college year 1893-94, in meetings held by the M. I. T. A. C.

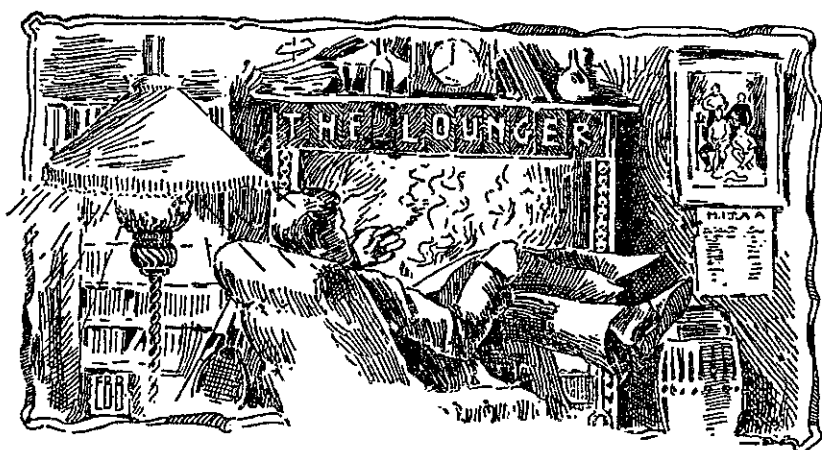
4. In order that any one scores points toward the cup, he must be a member of the M. I. T. A. C.

5. In case of dispute as to the status of competitors, the matter shall be decided by the M. I. T. A. C., and their decision abided by.

Courses II. and VI. of '95 played an exciting game last Thursday on Clover Field. The result was a surprise, the Electricals winning by a score of 6 to 2. The Mechanicals' team was a great deal the heavier, and was supposed to be much the stronger. Their line proved weak, or, rather, slow, but the backs did excellent work. The Electricals more than made up in alertness and "wiri-ness" for their opponents' weight. The game was a lively one, full of snap, and evenly played. Course VI. winning the ball on the toss-up, worked the wedge for ten yards, and then bore right down the field. The ball was carried over the line in the hands of the Mechanicals, and was fumbled. Adams fell on it, scoring a touchdown. Nesbit made goal. Hunt, the Electricals' left half, met with a bad bruise over the eye, and was replaced by Nesbit, who was succeeded by Newman. After the next kick-off Course II. kept the lead. The ball was ten yards from the Electricals' back line when time was called. In the second half, Hurd punted from the middle of the field; the ball was caught by Nesbit over the line and a safety made.

For the Mechanicals, Hurd, Tillinghast and Tucker put up a good game. Good playing on the Electrical side was done by Mink, who was just recovering from an ugly eye bruise. Nesbit, Rust, Adams, and Alden did good work, breaking through line.

The line-up was as follows: Course VI.—Rushers, Adams, Clark, Fuller, Boedeker, Cutter, Nesbit (Newman), Rust; quarter back, Drake; half backs, Hunt, Alden; full back, Mink. Course II.—Rushers, Stevens, Lothrop, Rickey, Howarth, Parker, Faxon, Bliss; quarter back, Stork; half backs, Tillinghast, Tucker; full back, Hurd.



TURKEY day is again upon us with its dire threats of after effects, so readily forgotten in the schoolboy rush for the good things of life. The Lounger shudders to think of the disconsolate faces ready to greet him next Monday, and the maledictions to be pronounced upon our Faculty, whose kindly interest in our welfare will not permit us to leave them for more than three days of all the term. Every year we have held out to us the cruel suggestion of a longer leave-taking, and as regularly do we discover our mistake. 'Tis no use, friends; we are here to grind, and grind it will be to the end,—if we follow the advice of the Faculty. Nevertheless the Lounger always finds cause for thankfulness when this season approaches, and the list he presents this year is an exceeding great one. The Lounger's slice of turkey is large, but he feels equal to the demands of the occasion.

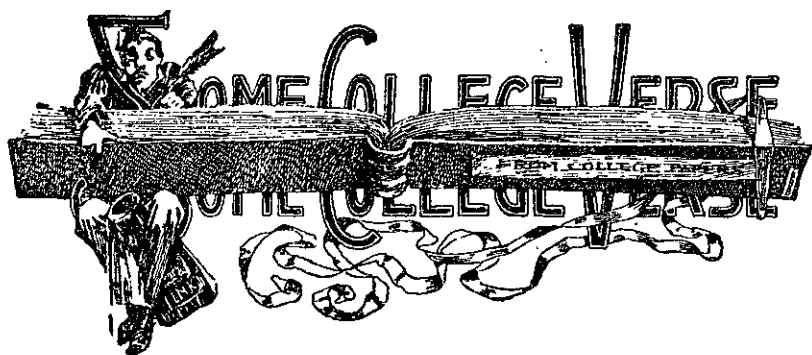
He wishes first to express his gratitude to the Faculty for their kind indulgence in remaining such earnest counselors this term. He has no fault to find with their kindly greetings every week, and their constant appreciation of his well-being. If he can only find a thesis subject this year which will more nearly reach their approbation than those of other days, his thankfulness will know no bounds. While speaking of uncertainties, the Lounger is reminded that he should be duly thankful for the clear skies and playful breezes which old Prob is still bestowing upon us. In all the Lounger's years at Tech he has never felt such a sorrow for the neglect and solitude his umbrella, galoches, and mackintosh have suffered this year. He is also thankful for the hitherto unequalled privilege of walking along Boylston Street from the Christian place to the Thorndike billiard room, without encountering a fence and walking a plank so carefully laid in the mud of the street. To return to the work of the Institute,—the Lounger is exceedingly happy that he is not under the guidance of our "prof." of military folderol; that he need not parade the drill hall under

noncommissioned officers, execute the alphabet emblematically, listen to "lectures," or pass "examinations." He is glad, too, that the Freshman is still happy in the dress of an humble citizen.

The Lounger is singularly happy in the fact that he need not peruse the extremely "small edition" of "my notes," published by McJennett and Loring. He pities the poor grind who will pour the oil over those smutty pages in the vain hope that the prof. will come again. The Lounger must also be thankful for the rare treat so soon to be presented by the French Society. It is rumored that the committee have difficulty in selecting a play whose character is least Frenchy, in order that their production may not shock the inmates of this "godless institution." Again the Lounger is thankful that he is not a member of the Glee Club this year. Florrie West is not in it with the Lounger, and he would dislike to disagree with the blithesome manager of the combination. He is glad that there is still opportunity for this flourishing financial agency to aid the Athletic Association as in the days of old. To the Athletic Association he is grateful for following his suggestion to permit the boys to take the girls to the games. The Lounger is thankful as well that the footballists are safely through their scrimmages, and, although his fond anticipations for gore have not been realized, that there is no subsequent kicking, now that the last kick is over. The Lounger is thankful that the editors of the "Technique" are "realizing the difficulties of their task," and begins to hope for a most worthy annual. THE TECH he heartily congratulates on pushing its way so merrily, and is glad he is not a Co-ed, to be obliged to peruse its pages only within the confines of the Margaret Cheney reading room.

Among miscellaneous reasons for thanksgiving he may mention the fact that the pin question is still a sticker, and therefore many competitors are not yet disappointed; that THE TECH waste basket for the reception of poetic effort is still unfilled; that Mr. Hogg, of lunch-room fame, has had his attention called to his state of being; that at last there is an exchange table in the reading room; and that "the great football game" is well over.

With all these reasons for thankfulness at his command, to say nothing of the many yet unsaid, who shall begrudge the Lounger his vacation? He welcomes it right merrily, and wishes cheer to all his friends, especially to those who furnish him these many happy reflections.



NIGHTMARE OF A FRESHMAN SIGN SWIPER.

He turned and tossed upon his bed,
 Repose he could not find,
 For all night long such things as these
 Kept coursing through his mind:
 "Keep off the Grass," and "Beer on Draught,"
 "H-O," and "Pyles' Pearline,"
 "Look out for Paint," and "Use Pear's Soap,"
 Were signs that he had seen.
 And in the midst of all of these
 A demon seemed to dance,
 Who asked him, with a fiendish grin,
 "I say, do you wear pants?"

—*The Lampoon.*

RONDEAU.

An olden joke in modern dress
 Appears, our risibles to bless;
 For at its birth a caveman smiled;
 Since then old Grecians it's beguiled,
 Till now it's vapid, I confess.
 Unhappy ghost of nothingness,
 Depart from this world's strain and stress;
 You are—I draw it very mild—
 An olden joke.

Your inane wit we can't suppress;
 Eternal life is yours, I guess;
 For when your humor, thus self-styled,
 Insults the senses of a child,
 I find you in the college press,
 An olden joke.

—*Williams Weekly.*

AN UNWRITTEN SONG.

It was my purpose days ago
 To write a song to thee;
 I sought for rhymes that sweetest flow,
 To blend in harmony.
 I wanted words all fair and bright
 To shine upon the song,
 With inward purity and light,
 Which unto thee belong:
 Such words as poets love to praise,
 So dainty, rich, and rare,
 Like raindrops pierced with sunny rays
 Till rainbow hues are there.
 Unwritten words—I seek them still—
 For I find words so few;
 But when my wish I can fulfill,
 I'll write a song to you.

—*The Dartmouth Lit.*

AT CAIRO.

As she stands I see her yet,
 Just beneath the minaret,
 Abou Mashar.
 With her dark, gazelle-like eyes
 Lit with langorous surprise,
 Could I pass her?
 Yonder harem is her home,
 Shadowed by the Sultan's dome,
 Sweet Chafica.
 Past that portal picturesque,
 Wrought with patterns Arabesque,
 None may seek her.
 Yet the Orient weaves its spell,
 Muzzin call and fakirs yell,
 Wild commotion.
 "Only brave deserve the fair,"
 But for her I need not dare
 Cross the ocean.
 For the houses and the dress
 Were brought over by express,
 Wells and Fargo;
 And our picturesque romance
 Happened in the gay Plaisance,
 At Chicago.

—*Harvard Lampoon.*

THE HAPPIEST HOUR.

Oh! there's many a merry year in life,
 There are twelve long months in the year,
 And many a day
 Makes every month gay,
 While with happy hours each day is rife,
 "And the world is full of cheer."
 But the happiest hour of the brightest day
 Of the sweetest month of the year,
 Was that lovely night
 When your eyes so bright
 Were saying "Aye," while your lips said "Nay,"
 When you became mine, my dear.

—*Brunonian.*

CLOUDLAND.

Over the hills, at the close of day,
 Gazing with listless-seeming eyes,
 Margery watches them sail away,—
 The sunlit clouds of the western skies.
 Margery sighs with a vague regret,
 As slowly they fade from gold to gray,
 Till night has come, and the sun has set,
 And the clouds have drifted beyond the day.
 What are you dreaming, my little maid?
 For yours are beautiful thoughts, I know;
 What were the words that the wild wind said,
 And where, in the dark, did the cloud-ships go?
 Come through the window and touch her hair,
 Wind of the vast and starry deep!
 And tell her not of this old world's care,
 But kiss her softly, and let her sleep.

—*Columbia Lit.*



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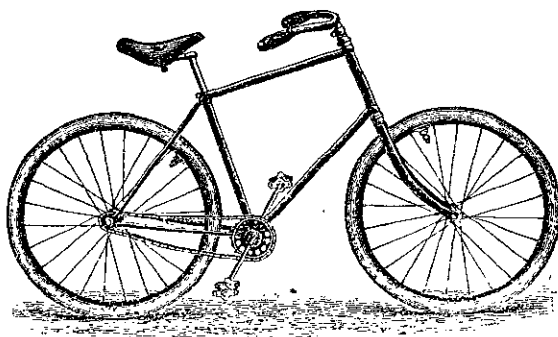
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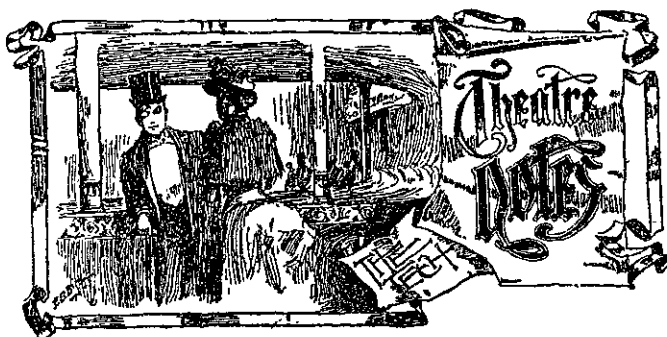
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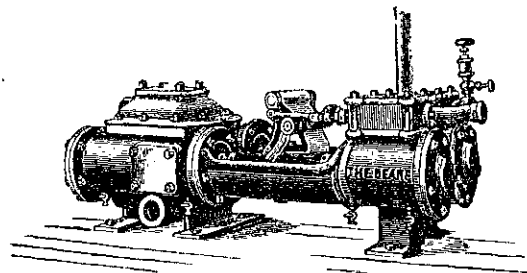
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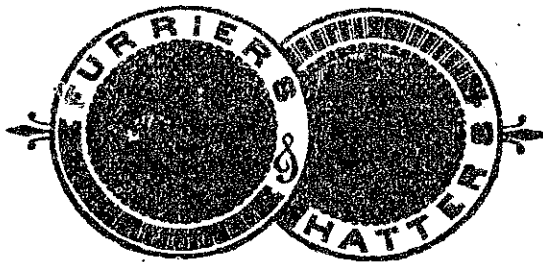
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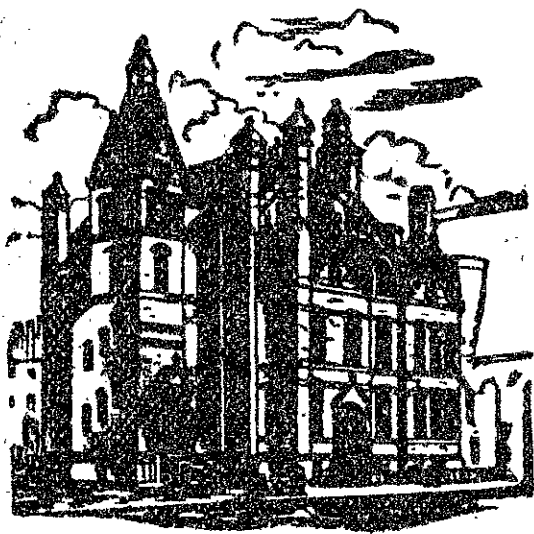


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